

CERTIFICATE OF ANALYSIS

GC ANALYSIS

PRODUCT DETAILS

PRODUCT NAME: BERGAMOT FCF, ESSENTIAL OIL ORGANIC (FUROCOUMARINS FREE)

LOT NUMBER: 004430

PRODUCT INCI: CITRUS BERGAMIA FRUIT OIL

CAS NUMBER: 89957-91-5

EINECS NUMBER: 289-612-9

MANUFACTURING METHOD: EXPRESSION

MANUFACTURING DATE: 03/10/2019

BEST BEFORE DATE: 03/10/2022

SHELF LIFE / BEST BEFORE: 24 MONTHS

GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	PASS
COLOUR	PALE YELLOW - YELLOW	PASS
ODOUR	CITRUS BERGAMOT	PASS
SPECIFIC GRAVITY @ 20°C	0.876 – 0.884	0.864
REFRACTIVE INDEX @ 20°C	1.465 – 1.470	1.4641
OPTICAL ROTATION (°C)	15.0 TO +40.0	+32.63
PEROXIDES (MMOL/L)	<20.0	9.80

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COMPONENT	RESULT
Limonene	35.184
Linalyl Acetate	29.034
Linalool	16.145
γ-Terpinene	7.585
β-Pinene	6.451
α-Pinene	1.347
Sabinene	1.082
β-Myrcene	1.172
p-Cymene	0.417

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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